

## ABSTRACT OF THE DISCLOSURE

A preferred system includes a processor, a discovery mechanism and a layout mechanism. The discovery mechanism is configured to generate and store topology data specifying connectors and segments of a communication network. The layout  
5 mechanism, which interfaces with the discovery mechanism, is configured to receive topology data from the discovery mechanism and drive a display based upon the topology data. Additionally, the discovery mechanism is configured to determine a path between a start node and an end node based upon the topology data. For instance, such a path(s) may be based upon information corresponding to a type of  
10 path of interest and/or information corresponding to a type of connector of interest. Methods and computer readable media also are provided.